

COUNCIL ON POSTSECONDARY EDUCATION
Proposed Projects Involving the General Fund (cash or bonds)
(amounts in **bold** are the total budget)

2012-2014

(Projects listed by agency priority; descriptions are from the agency submission)

1. KY Virtual Library Infrastructure Rebuild **\$16,850,000**

The Kentucky Virtual Library, created as a result of the historic 1997 HB1 Higher Education Reform Act, has been proven to be an extraordinary success in bringing colleges and universities, schools and public libraries together to lower costs and improve efficiencies through joint purchasing and shared resources. Through the KYVL, Kentucky has been able to expand access to library services and resources for millions of students and Kentucky citizens at a fraction of what it would have cost had the libraries done it alone. The value of KYVL increases each year due to the growing demand for all types (text, photographs, audio, and video) of digital resources by all levels of education, businesses, and citizens. Through its economies of scale, KYVL is highly cost efficient and effective and it ensures equity of access for all to its valuable resources. Unfortunately while advances in technology have allowed KYVL to do more with less, growing demand and budget reductions are eroding the impact and effectiveness of the system. (IT)

CPAB Staff Notes

- *KYVL is available to all Kentuckians and regularly serves over 1.8 million people from the 1,500 designated locations of its 400-member organizations.*
- *The request would address critical KYVL infrastructure and database needs in the following areas: Electronic Research Databases, Kentuckiana Digital Library, Learning Depot, Hardware Systems Upgrades, Interlibrary Loan System, Interactive Library Tools, and Institutional Repositories.*
- *This project was included in the Council's 2010-2016 capital plan as "KYVC/KYVL Statewide Licenses Pool, Phase I" Priority #11.*
- *The project combines several projects of the KYVL into a single project that addresses the total KYVL system. As a result of this, the scope has increased from \$4,000,000 to the current \$16,850,000.*

2. Course Redesign Initiative **\$2,000,000**

The Course Redesign Initiative intends to utilize the proven program developed by the National Center for Academic Transformation (NCAT) to improve learning outcomes while reducing costs by redesigning some of the top 20 courses offered by the Kentucky public postsecondary institutions. This course redesign is called for as a part of the new Five-year Strategic Agenda, Stronger by Degree. The redesign will incorporate specific technologies as each course is evaluated. Technologies such as Blackboard Learning Management Suite, iPads, laptops, iphones, newly designed computer laboratory space, interactive video, student advising software, instructional design software, lecture capture equipment, streaming media servers, SharePoint, mobile wireless student response devices (clickers), electronic content, servers, and broadband networks will be included as required for each course. As demonstrated by over 100 institutions, this redesign methodology coupled with the innovative use of information technology focusing on large-enrollment, introductory courses that reach significant number of undergraduate students improves the quality of student learning, increases retention, and reduces the costs of instruction thereby improving

degree completion rates. All 100 institutions were able to improve or maintain quality while reducing costs on an average of 37%. This targeted & transformative approach becomes critical when Kentucky is challenged with expanding access and shrinking state financial support. (IT)

CPAB Staff Notes

- *This project was included in CPE's 2010-16 capital plan (Priority #15). The project scope has increased by \$1,000,000 from the last plan.*
- *This project will also include a Phase II. Funding for this phase is not being requested at this time.*

3. Enterprise Data Collection, Analy and Rept Syst \$2,000,000

This project expands and modernizes the data infrastructure of the Council on Postsecondary Education to support mandated agency functions such as the licensure and oversight of non-public colleges and universities operating in Kentucky, and the approval and review of academic programs. An enhanced data environment will also provide a more complete picture of postsecondary education for transparency and accountability, and will improve reporting on legislative priorities such as college readiness (Senate Bill 1, 2009) and the seamless transfer of college credit across the commonwealth (HB 160, 2010). This project will also provide a mechanism for postsecondary information to be more easily linked with data from KDE, workforce, and other agencies participating in the P-20 Data Collaborative. CPE's expanded data capabilities will include SharePoint integration, creating a single point of entry for all data submitters and users, to simplify and automate data collection and document exchange. This project will also modernize the way CPE reports data to policy leaders and other stakeholders. An advanced reporting tool (SAP Business Objects) will be integrated with the single point of entry to house dashboards, providing data at a glance with further drillable information in visual form. (IT)

CPAB Staff Notes

- *New project request*

4. Expand KY Reg Optical Network Infrastructure \$4,250,000

This is phase I of a multi-phased project to build an infrastructure to support the integration of Internet2 applications into the K-20 teaching and learning environment. It includes the Kentucky Regional Optical Network (RON), a fiber network or dedicated optical wavelengths between major concentration points, at all public postsecondary education institutions to be extended out to community colleges and schools when needed. (IT)

5. KnowHow2GoKY.org Learner Portal \$1,200,000

This project provides a dynamic and interactive approach to meeting the college and career exploration needs of the at-risk and other student populations and school systems across the Commonwealth. In a direct response to both the spirit and specifics of Senate Bill 1 (2009), the KDE & CPE Unified Strategy, as well as the Commonwealth Commitment, this program will offer real-time exploration of careers, the disciplines that support them, the institutions and programs that provide educational access, as well as the current and forecasted jobs available in the visitors' community. Integrated into the KNOWHOW2GOKY.org platform and building on the established college and career readiness brand – KNOWHOW2GOKY, college and career exploration and lifelong learning will take a new personalized approach not currently available to Kentucky citizens. (IT)

- 6. Purchase Interactive Video Control Center** **\$1,000,000**
The costs associated with bringing individuals together for meetings have become a stress point for budgets across the Commonwealth. Technologies available today allow for virtual face to face meetings, document sharing, and the inclusion of various communications devices to include cell phones. Providing this level of service to the Postsecondary Community would drive costs down while improving efficiency. This project supports the statewide IP-based interactive videoconference system by unifying videoconference networks at postsecondary institutions across the state. It will re-design and implement a single, unified IP-based interactive videoconference system that can be integrated into not only teaching and learning but also health care and economic development activities. (IT)
- 7. Upgrade CPE Technology Infrastructure** **\$1,000,000**
Virtualization would allow Council members, University Presidents, Legislators, and Adult Education Learning Centers direct access to information that would otherwise require multiple layers of user intensive security. A private cloud would allow these parties a much more robust and secure environment to collaborate on the necessary work to continue Reform. (IT)
- 8. KYVC/KYVL Create Statewide Tech Lab** **\$4,000,000**
The Kentucky Virtual Campus and the Kentucky Virtual library will purchase hardware and statewide licenses for a pool of software products that would be available to every school, college, university or library in the state. These licenses would include such items as: Plagiarism Detection Software, Laboratory Enactment Software (such as chemistry, biology, etc.), and Homework Help/Tutoring Services. The cost savings realized through statewide purchasing and management would be significant. This project will use mobile Web based technologies to deliver instruction and resources so learners can participate wherever they are. This will retrofit existing learning systems and ensure that new systems are integrated with mobile Web technology. (IT)